

## CLAIMS

What is claimed is:

1           1.     A method comprising:  
2           selecting a base frame of a compressed digital video data stream;  
3           decompressing the selected base frame prior to decompressing remaining frames  
4 of the compressed digital video data stream; and  
5           providing the decompressed base frame to a display device for display prior to  
6 decompressing remaining frames of the compressed digital video data stream.

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1           2.     The method of claim 1, wherein selecting the base frame comprises  
2 selecting the base frame as a result of receiving an indication to switch to a channel  
3 carrying the compressed digital video data stream.

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1           3.     The method of claim 1, wherein selecting the base frame comprises  
2 selecting the base frame as a result of powering up.

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1           4.     The method of claim 1, wherein the base frame comprises one from a  
2 group comprising a Motion Picture Experts Group (MPEG) intra-frame (I-frame), a  
3 Motion Joint Photographic Experts Group (M-JPEG) base frame, a digital satellite  
4 standard base frame and a reference frame.

1           5.       A method comprising:  
2           decompressing a compressed first digital video data steam on a first channel;  
3           selecting a compressed first base frame from a compressed second digital video  
4   data stream on a second channel  
5           decompressing a base frame from the compressed second digital video data  
6   steam;  
7           buffering the decompressed base frame;  
8           receiving an indication to switch from the first channel to the second channel; and  
9           providing, as a result of the indication to switch to the second channel, the  
10   decompressed base frame to a display device for display prior to decompressing  
11   remaining frames of the compressed second digital video data stream.

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1           6.       The method of claim 5, wherein selecting the base frame comprises  
2   selecting the base frame based, at least in part, on determining that the base frame is from  
3   a television program.

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1           7.       The method of claim 5, further comprising buffering a most recent base  
2   frame in the compressed second digital video data stream, to update the decompressed  
3   base frame provided for display.

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2           8.       The method of claim 5, further comprising dynamically selecting the  
3   second channel.

1           9.     The method of claim 8, wherein the second channel is dynamically  
2 selected based, at least in part, on the first channel.

1           10.    The method of claim 9, wherein the second channel comprises a channel  
2 adjacent to the first channel.

1           11.    The method of claim 8, wherein the second channel is dynamically  
2 selected based, at least in part, on a frequency of display of a digital video data stream on  
3 the second channel.

1           12.    The method of claim 5, wherein the second channel comprises a channel  
2 preset based, at least in part, on the first channel.

1           13.    The method of claim 12, wherein the second channel comprises a channel  
2 adjacent to the first channel.

1           14.    A method comprising:  
2        decompressing a compressed first digital video data stream on a first channel;  
3        selecting a compressed first base frame from a compressed second digital video  
4 data stream on a buffered channel;  
5        decompressing the selected base frame prior to decompressing remaining frames  
6 of the compressed second digital video data stream;  
7        buffering the decompressed first base frame;

8 receiving an indication to switch from the first channel to a second channel;  
9 determining whether the indication is to switch to the buffered channel;  
10 if the indication is to switch to the buffered channel:  
11 providing the decompressed first base frame to a display device for  
12 display prior to decompressing the second digital video data stream, and  
13 decompressing the compressed second digital video data stream on the  
14 buffered channel; and  
15 if the indication is to switch to a channel other than the buffered channel:  
16 decompressing a compressed second base frame from a third digital video  
17 data stream on the second channel, and  
18 providing to the display device a decompressed second base frame for  
19 display prior to decompressing remaining frames of the third digital video data  
20 stream.

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1 15. The method of claim 14, further comprising dynamically selecting the  
2 buffered channel.

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1 16. The method of claim 14, wherein the buffered channel comprises a preset  
2 channel.

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1 17. An apparatus comprising:  
2 a tuner selection unit to receive an indication to switch from a first channel to a  
3 second channel;

4 a first tuner, coupled with the tuner selection unit, to decompress a compressed  
5 first digital video data steam on a first channel; and  
6 a second tuner, coupled with the tuner selection unit, to decompress a base frame  
7 from a compressed second digital video data steam on the second channel, buffer the  
8 decompressed base frame, and provide, as a result of the indication to switch to the  
9 second channel, the decompressed base frame to a display device for display prior to  
10 decompressing remaining frames of the compressed second digital video data stream.

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1 18. The apparatus of claim 17, wherein the tuner selection unit further  
2 determines whether the indication is to switch to the second channel, chooses the first  
3 tuner if the indication is to switch to a channel other than the second channel, and  
4 chooses the second tuner if the indication is to switch to the second channel.

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1 19. The apparatus of claim 17, further comprising a predictor, coupled with  
2 the second tuner, to dynamically select the buffered channel.

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1 20. The apparatus of claim 17, wherein the base frame comprises one from a  
2 group comprising a Motion Picture Experts Group (MPEG) intra-frame (I-frame), a  
3 Motion Joint Photographic Experts Group (M-JPEG) base frame, a digital satellite  
4 standard base frame, and a reference frame.

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1           21.    A system comprising:

2           a digital video receiver to select a base frame of a compressed digital video data  
3   stream, decompress the selected base frame prior to decompressing remaining frames of  
4   the compressed digital video data stream, and provide the decompressed base frame to a  
5   display device for display prior to decompressing remaining frames of the compressed  
6   digital video data stream; and

7           the display device, coupled with the digital video receiver, to display the  
8   decompressed base frame and the decompressed digital video data stream.

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1           22.    The system of claim 21, wherein the digital video receiver comprises a  
2   computer system.

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1           23.    The system of claim 22, wherein the display device comprises a computer  
2   monitor.

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1           24.    A system comprising:  
2           a digital video receiver to select a compressed base frame from a compressed  
3   digital video data stream on a buffered channel, decompress the selected base frame prior  
4   to decompressing remaining frames of the compressed digital video data stream, buffer  
5   the decompressed base frame and, if receiving an indication to switch to the buffered  
6   channel, provide the decompressed base frame to a display device, for display prior to  
7   decompressing remaining frames of the compressed digital video data stream; and

8 the display device, coupled with the digital video receiver, to display the  
9 decompressed base frame and the decompressed digital video data stream.

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1 25. The system of claim 24, wherein the digital video receiver comprises a  
2 computer system.

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1 26. The system of claim 25, wherein the display device comprises a computer  
2 display screen.

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1 27. An article of manufacture comprising:  
2 a machine-accessible medium including thereon sequences of instructions that,  
3 when executed, cause an electronic system to:  
4 select a base frame of a compressed digital video data stream;  
5 decompress the selected base frame prior to decompressing remaining frames of  
6 the compressed digital video data stream; and  
7 provide the decompressed base frame to a display device for display prior to  
8 decompressing remaining frames of the compressed digital video data stream.

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1 28. The article of manufacture of claim 27, wherein the sequences of  
2 instructions that, when executed, cause the electronic system to select the base frame  
3 comprise sequences of instructions that, when executed, cause the electronic system to  
4 select the base frame as a result of receiving an indication to switch to a channel carrying  
5 the compressed digital video data stream

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1           29.     The article of manufacture of claim 27, wherein the sequences of  
2     instructions that, when executed, cause the electronic system to select the base frame  
3     comprise sequences of instructions that, when executed, cause the electronic system to  
4     select the base frame from one of a group comprising a Motion Picture Experts Group  
5     (MPEG) intra-frame (I-frame), a Motion Joint Photographic Experts Group (M-JPEG)  
6     base frame, a digital satellite standard base frame and a reference frame.

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1           30.     An article of manufacture comprising:  
2             a machine-accessible medium including thereon sequences of instructions that,  
3     when executed, cause an electronic system to:  
4             decompress a compressed first digital video data stream on a first channel;  
5             select a compressed first base frame from a compressed second digital video data  
6     stream on a second channel  
7             decompress a base frame from the compressed second digital video data stream;  
8             buffer the decompressed base frame;  
9             receive an indication to switch from the first channel to the second channel; and  
10            provide, as a result of the indication to switch to the second channel, the  
11     decompressed base frame to a display device for display prior to decompressing  
12     remaining frames of the compressed second digital video data stream.

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1           31.     The article of manufacture of claim 30, wherein the machine-accessible  
2     medium further comprises sequences of instructions that, when executed, cause the  
3     electronic system to dynamically select the second channel.

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1           32.     The article of manufacture of claim 30, wherein the sequences of  
2     instructions that, when executed, cause the electronic system to select the base frame  
3     comprise sequences of instructions that, when executed, cause the electronic system to  
4     select one from a group comprising a Motion Picture Experts Group (MPEG) intra-frame  
5     (I-frame), a Motion Joint Photographic Experts Group (M-JPEG) base frame, a digital  
6     satellite standard base frame and a reference frame.